

REMARKS

Reconsideration of the application, as presently amended, is respectfully requested. Claims 1, 5, 8, and 12 have been amended. Claims 1-15 are pending. No claims have been added or cancelled.

Claims 1-2, 4-6, 8-9, and 11-13 stand rejected under 35 U.S.C. 102(b) as being anticipated by An Autocorrelation Pitch Detector and Voicing Decision with Confidence Measures Developed for Noise-Corrupted Speech by Krubsack et al. ("Krubsack"). Applicant respectfully submits that Krubsack fails to teach, suggest, or render obvious at least one of the distinguishing features of each of independent claims 1 and 8. In particular, Krubsack fails to teach, suggest, or render obvious at least the step of determining, for each two successive peaks of at least three detected peaks of a distance therebetween. In similar fashion, Krubsack fails to teach, suggest, or render obvious at least the feature of independent claim 8 of means for determining, for each two successive peaks of at least three detected peaks, of a distance therebetween. Even if it is assumed, for the sake of argument, that Krubsack teaches the remaining features of independent claims 1 and 8, respectively, Applicant respectfully submits that, in contrast to each of independent claims 1 and 8, Krubsack appears to teach finding a peak and determining a distance from a zero point to the found peak.

For at least the reasons set forth above, Applicant respectfully submits that each of independent claims 1 and 8 distinguishes over Krubsack. Withdrawal of the rejection of independent claims 1 and 8 as anticipated by Krubsack is respectfully requested.

Dependent claims 2, 4-6, 9, and 11-13 each depend from and further limit either independent claim 1 or independent claim 8 in a patentable sense. Applicant respectfully submits that each of these dependent claims distinguishes over Krubsack for at least the reasons set forth in response to the rejection of independent claims 1 and 8 as anticipated by Krubsack. Withdrawal of the rejection of dependent claims 2, 4-6, 9, and 11-13 is respectfully requested.

Claims 3 and 10 stand rejected under 35 U.S.C. 103(a) as being unpatentable over Krubsack in view of Digital Processing of Speech Signals by Rabiner et al. ("Rabiner"). Rabiner has been cited as teaching a technique for pitch detection using LPC parameters with steps of estimating filter coefficients, filtering and autocorrelation. Applicant respectfully


submits that even if it is assumed, for the sake of argument, that the characterization of Rabiner by the Office Action is correct, Rabiner fails to supply the deficiencies of Krubsack noted above with respect to the rejection of independent claims 1 and 8 as anticipated by Krubsack. Applicant respectfully submits that each of claims 3 and 10 distinguishes over the cited combination of Krubsack in view of Rabiner and respectfully requests that the rejection thereof be withdrawn.

Claims 7 and 14-15 stand rejected under 35 U.S.C. 103(a) as being unpatentable over Krubsack in view of what is asserted by the Office Action to be well-known prior art. Applicant respectfully submits that claims 7 and 14-15 distinguish over Krubsack in view of the assertedly well-known prior art for at least the same reasons as those stated above with respect to the rejection of independent claims 1 and 8 as anticipated by Krubsack. Withdrawal of the rejection of claims 7 and 14-15 is respectfully requested.

In view of the above, each of the presently-pending claims in this application is believed to be in immediate condition for allowance. Accordingly, the Examiner is respectfully requested to pass this application to issue.

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Respectfully submitted,

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